

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

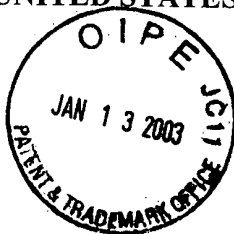
In re Application of

Johnathan Napier

Serial No. 09/555,093

Filed: August 22, 2000

For: DESATURASE GENES AND THEIR USE



Group Art Unit: 1638

Examiner: M. Walicka

Atty. Docket No. 005407.00001

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AMENDMENT AND RESPONSE TO OFFICE ACTION

Assistant Director of Patents
Washington, D.C. 20231

Sir:

This amendment is filed in response to the Office Action mailed August 13, 2002. Claims 1-38 are currently pending. Claims 15-22 and 24-38 have been withdrawn from consideration. Claims 1-14, and 23 have been examined and stand rejected. A petition for a two-month extension of time accompanies this response. No other fee is believed due to make this amendment timely filed. If any other fee is due please charge our Deposit Account No. 19-0733.

Please enter the following amendments. Appendix I is a marked-up version of the claims to show the changes made. Appendix II is a clean version of all pending claims.

IN THE CLAIMS

Cancel claims 15-22 and 24-38.

1. (Amended) An isolated and purified polypeptide having desaturase activity, which

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